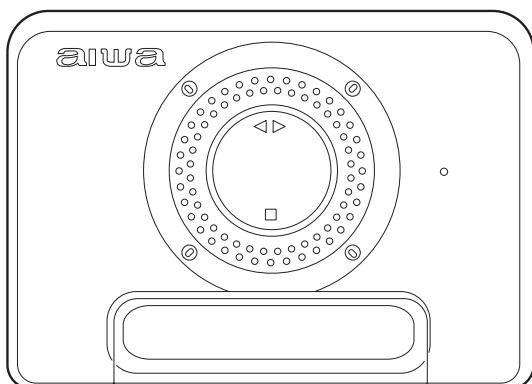




HS-PX407 Y



SERVICE MANUAL

STEREO CASSETTE PLAYER

BASIC TAPE MECHANISM : 6ZM-2 P9NF

- This Service Manual is the "Supplement" and replaces "Simple Manual" (S/M Code No. 09-001-410-8T2).
- This Service Manual contains information about the difference between HS-PX407(Y) and HS-PX397(Y1). If requiring other information, see Service Manual of HS-PX397(Y1,YH) / HS-EM130(Y1), (S/M Code No. 09-995-410-8R1).

aiwa
S/M Code No. 09-003-410-8S1

SUPPLEMENT
DATA

SPECIFICATIONS

Maximum output: 4 mW + 4 mW (EIAJ/16 ohms)
Load impedance: 16 – 32 ohms
Power source: DC 1.5 V using an R6 (AA) dry cell battery
Battery life
(EIAJ 1 mW output): Aprox. 30 hours using an LR6 (AA) alkaline battery
Maximum dimensions: 110 (W) x 79.2 (H) x 26.6 (D) mm
($4\frac{3}{8}$ x $3\frac{1}{8}$ x $1\frac{1}{16}$ in.)
Weight: Approx.132 g (4.6 oz) (excluding batteries)

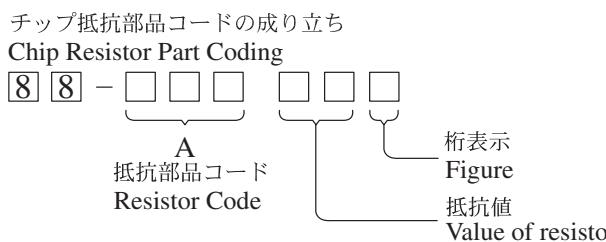
- Design and specifications are subject to change without notice.
- Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
“DOLBY” and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

ELECTRICAL MAIN PARTS LIST

REF.NO.	PARTNO.	KANRI NO.	DESCRIPTION	REF.NO.	PARTNO.	KANRI NO.	DESCRIPTION
IC				C147	87-A10-708-080	C-CAP, U 0.68U-10 F Z	
87-A21-174-010	C-IC, TA2103F			C148	87-016-562-080	C-CAP, TN 4.7-10	
87-A20-961-040	C-IC, MM1279XV			C149	87-016-286-080	C-CAP, TN 2.2-6.3 F93	
87-A20-785-080	C-IC, S-81215SG-QK-T1			C150	87-016-562-080	C-CAP, TN 4.7-10	
8Z-HK6-605-010	C-IC, MSM6576-99-GS-K			C151	87-010-784-080	C-CAP, U 0.012-25 B	
TRANSISTOR				C152	87-010-784-080	C-CAP, U 0.012-25 B	
89-113-625-080	C-TR, 2SA1362GR			C153	87-A11-056-080	C-CAP, U 1-10 Z F	
87-026-352-080	C-TR, DTC144TU			C154	87-A11-056-080	C-CAP, U 1-10 Z F	
87-026-418-080	C-TR, RN1311			C181	87-A10-263-080	C-CAP, U 0.1-16ZF	
87-026-428-080	C-TR, RN2310			C182	87-A10-263-080	C-CAP, U 0.1-16ZF	
89-341-165-080	C-TR, 2SC4116GR			C183	87-012-284-080	CAP, U 6800P-50	
89-333-266-080	C-TR, 2SC3326B			C184	87-012-284-080	CAP, U 6800P-50	
87-026-425-080	C-TR, RN2307			C185	87-A11-062-080	C-CAP, S 2.2-16 Z F	
87-026-337-080	C-TR, DTA144TU			C401	87-012-286-080	CAP, U 0.01-25	
87-026-417-080	C-TR, RN1310			C402	87-012-286-080	CAP, U 0.01-25	
DIODE				C403	87-012-286-080	CAP, U 0.01-25	
87-A40-642-040	C-DIODE, 1SS367			C405	87-A10-707-080	C-CAP, U 0.47U-16 F Z	
MAIN C.B				C406	87-A10-025-080	C-CAP, U 0.22-16Z F	
C101	87-012-273-080	C-CAP, U 820P-50 B		C407	87-A10-263-080	C-CAP, U 0.1-16ZF	
C102	87-012-273-080	C-CAP, U 820P-50 B		C408	87-A11-063-080	C-CAP, S 4.7-10 Z F	
C103	87-012-273-080	C-CAP, U 820P-50 B		C409	87-A10-260-080	C-CAP, U 0.1-16 K B	
C104	87-012-273-080	C-CAP, U 820P-50 B		C701	87-010-746-080	CAP, TANTAL 10-4	
C105	87-016-286-080	C-CAP, TN 2.2-6.3 F93		C702	87-010-746-080	CAP, TANTAL 10-4	
C106	87-016-286-080	C-CAP, TN 2.2-6.3 F93		C703	87-A10-263-080	C-CAP, U 0.1-16ZF	
C107	87-016-114-080	C-CAP, U 0.01-25B		C801	87-A11-056-080	C-CAP, U 1-10 Z F	
C108	87-016-114-080	C-CAP, U 0.01-25B		C802	87-A11-056-080	C-CAP, U 1-10 Z F	
C109	87-010-828-080	CHIP CAPACITOR, U 0.033-		C803	87-A11-056-080	C-CAP, U 1-10 Z F	
C110	87-010-828-080	CHIP CAPACITOR, U 0.033-		C805	87-010-274-080	C-CAP, TN 3.3-4	
C111	87-A11-056-080	C-CAP, U 1-10 Z F		C807	87-012-274-080	CHIP CAP, U 1000P-50B	
C112	87-A11-056-080	C-CAP, U 1-10 Z F		C808	87-A10-263-080	C-CAP, U 0.1-16ZF	
C113	87-010-987-080	C-CAP, S 1500P-50 CH		C901	87-A11-056-080	C-CAP, U 1-10 Z F	
C114	87-010-987-080	C-CAP, S 1500P-50 CH		C902	87-010-822-080	CAP, E 220-4 M MJ	
C115	87-012-285-080	C-CAP, U 8200P-50 B		J101	87-099-575-010	JACK, 3.5ST BLK 5P	
C116	87-012-285-080	C-CAP, U 8200P-50 B		J901	87-A60-319-010	JACK, DC DIA 2.75	
C117	87-012-286-080	CAP, U 0.01-25		LED601	87-A40-643-040	C-LED, SML-211UT	
C118	87-012-286-080	CAP, U 0.01-25		PS501	87-A90-526-010	SNSR, NJL 5163-F1-B	
C119	87-A10-828-080	C-CAP, U 0.33-6.3 K B		R101	87-022-279-080	C-RES, U 470-1/16W F	
C120	87-A10-828-080	C-CAP, U 0.33-6.3 K B		R102	87-022-279-080	C-RES, U 470-1/16W F	
C121	87-A10-827-080	C-CAP, U 0.47-6.3 K B		R107	87-022-243-080	CHIP RES, U 15K-1/16W F	
C122	87-A10-827-080	C-CAP, U 0.47-6.3 K B		R108	87-022-243-080	CHIP RES, U 15K-1/16W F	
C123	87-A11-056-080	C-CAP, U 1-10 Z F		R118	87-022-251-080	C-RES, U 33K-1/16W F	
C124	87-A11-056-080	C-CAP, U 1-10 Z F		R119	87-022-216-080	C-RES, U 1.1K-1/16W F	
C125	87-A11-056-080	C-CAP, U 1-10 Z F		R120	87-022-216-080	C-RES, U 1.1K-1/16W F	
C126	87-A11-056-080	C-CAP, U 1-10 Z F		R121	87-022-241-080	CHIP RESTOR 12K 1/16W F	
C127	87-012-274-080	CHIP CAP, U 1000P-50B		R122	87-022-241-080	CHIP RESTOR 12K 1/16W F	
C128	87-012-274-080	CHIP CAP, U 1000P-50B		R123	87-022-293-080	CHIP RES U 390K-1/16W F	
C129	87-A10-025-080	C-CAP, U 0.22-16Z F		R124	87-022-293-080	CHIP RES U 390K-1/16W F	
C130	87-A10-025-080	C-CAP, U 0.22-16Z F		R129	87-022-254-080	C-RES, U 43K-1/16W F	
C131	87-016-429-080	C-CAP, E 100-4 5.5N		R137	87-022-223-080	CHIP RES 2.2K 1/16W F	
C132	87-016-429-080	C-CAP, E 100-4 5.5N		R804	87-022-255-080	C-RES, U 47K-1/16W F	
C133	87-A11-056-080	C-CAP, U 1-10 Z F		R807	87-022-292-080	CHIP RES U 330K-1/16W F	
C134	87-010-746-080	CAP, TANTAL 10-4		R810	87-022-292-080	CHIP RES U 330K-1/16W F	
C135	87-A10-952-080	C-CAP, TN 22-4 M A MCM		R811	87-022-292-080	CHIP RES U 330K-1/16W F	
C136	87-016-288-080	C-CAP, TN 4.7-6.3 F93		R814	87-022-292-080	CHIP RES U 330K-1/16W F	
C137	87-A10-952-080	C-CAP, TN 22-4 M A MCM		R821	87-022-292-080	CHIP RES U 330K-1/16W F	
C138	87-A10-025-080	C-CAP, U 0.22-16Z F		S101	87-036-379-180	C-SW, SL 1-1-2 SS-350-A12B-C-T	
C139	87-A10-025-080	C-CAP, U 0.22-16Z F		S102	87-036-379-180	C-SW, SL 1-1-2 SS-350-A12B-C-T	
C140	87-016-288-080	C-CAP, TN 4.7-6.3 F93		S103	87-A91-455-080	C-SW, SL 1-1-4 SS-350-A14B-C-T	
C141	87-A10-707-080	C-CAP, U 0.47U-16 F Z		S801	87-A90-455-010	SW, PUSH HXW4001	
C142	87-A10-707-080	C-CAP, U 0.47U-16 F Z		S802	87-A90-356-210	SW, LEAF 6ZM-2	
C143	87-A10-707-080	C-CAP, U 0.47U-16 F Z		S803	87-A90-665-180	C-SW, TACT LS7A2M	
C144	87-A11-056-080	C-CAP, U 1-10 Z F		S804	87-A90-665-180	C-SW, TACT LS7A2M	
C145	87-A11-056-080	C-CAP, U 1-10 Z F		S805	87-A90-665-180	C-SW, TACT LS7A2M	
C146	87-A11-056-080	C-CAP, U 1-10 Z F		S806	87-A90-665-180	C-SW, TACT LS7A2M	
				S807	87-036-379-180	C-SW, SL 1-1-2 SS-350-A12B-C-T	

S808	87-036-379-180	C-SW, SL 1-1-2 SS-350-A12B-C-T
S809	87-A91-335-080	C-SW, PUSH 1-1-1 SPVG11
SFR401	87-A91-465-040	C-SFR, 6.8K H RH03AEC
TH401	87-A90-855-080	C-THMS, SC20-3K102K
VR101	87-A90-116-080	C-VR, RTRY20KCX2V0103
X801	87-A70-079-110	VIB, XTAL 32.768KHZ M VT-

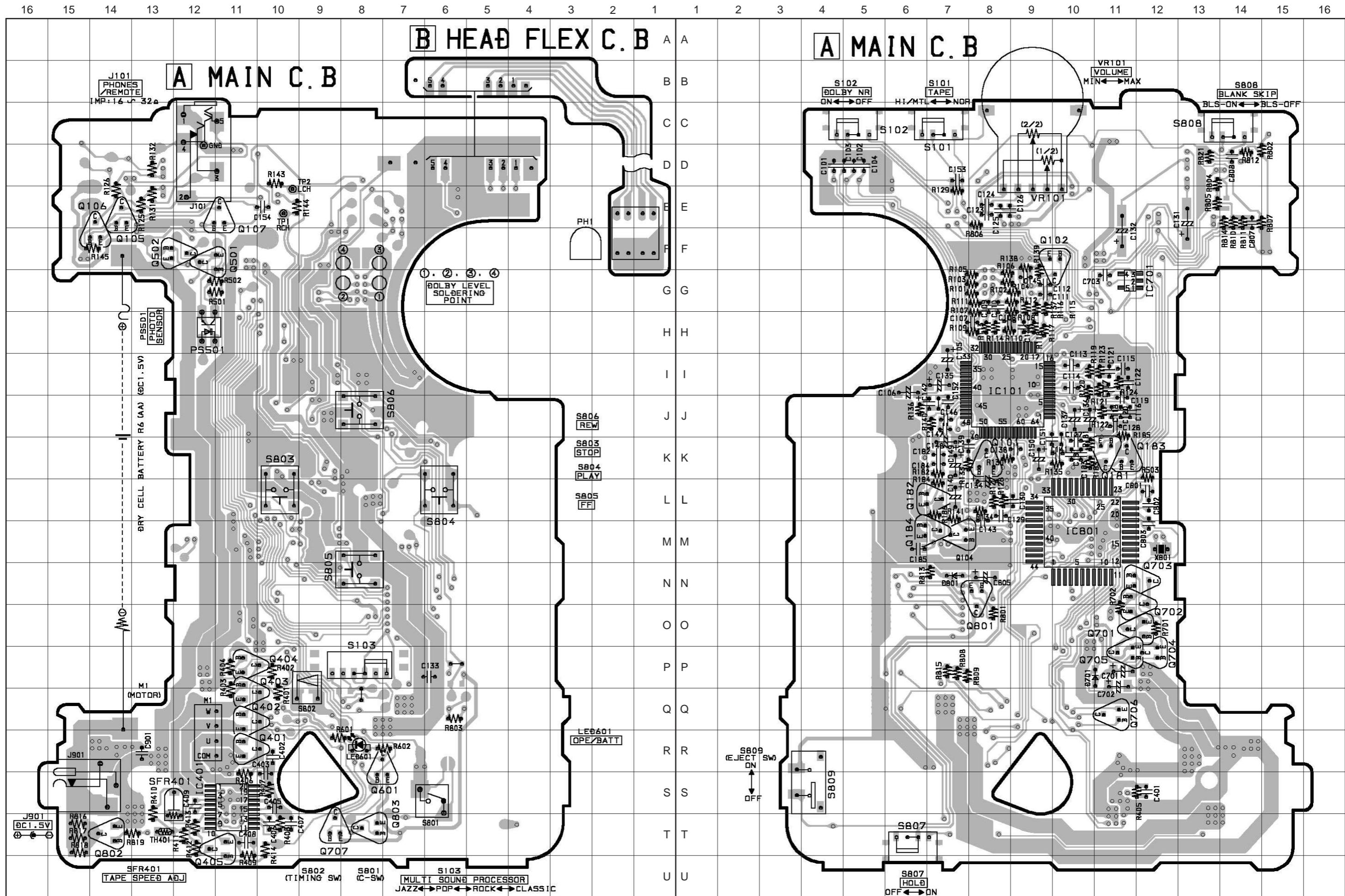
○チップ抵抗部品コード／CHIP RESISTOR PART CODE

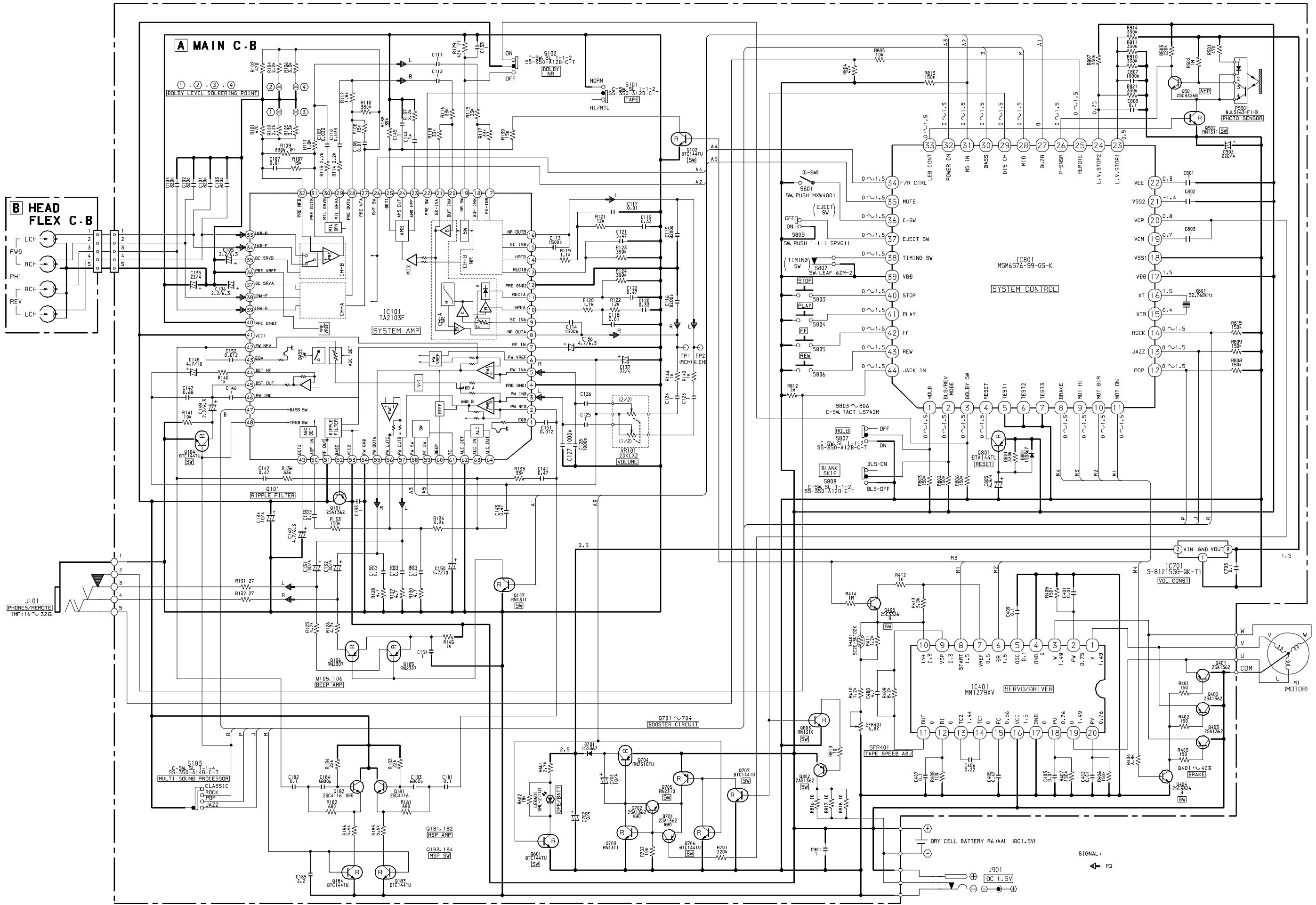


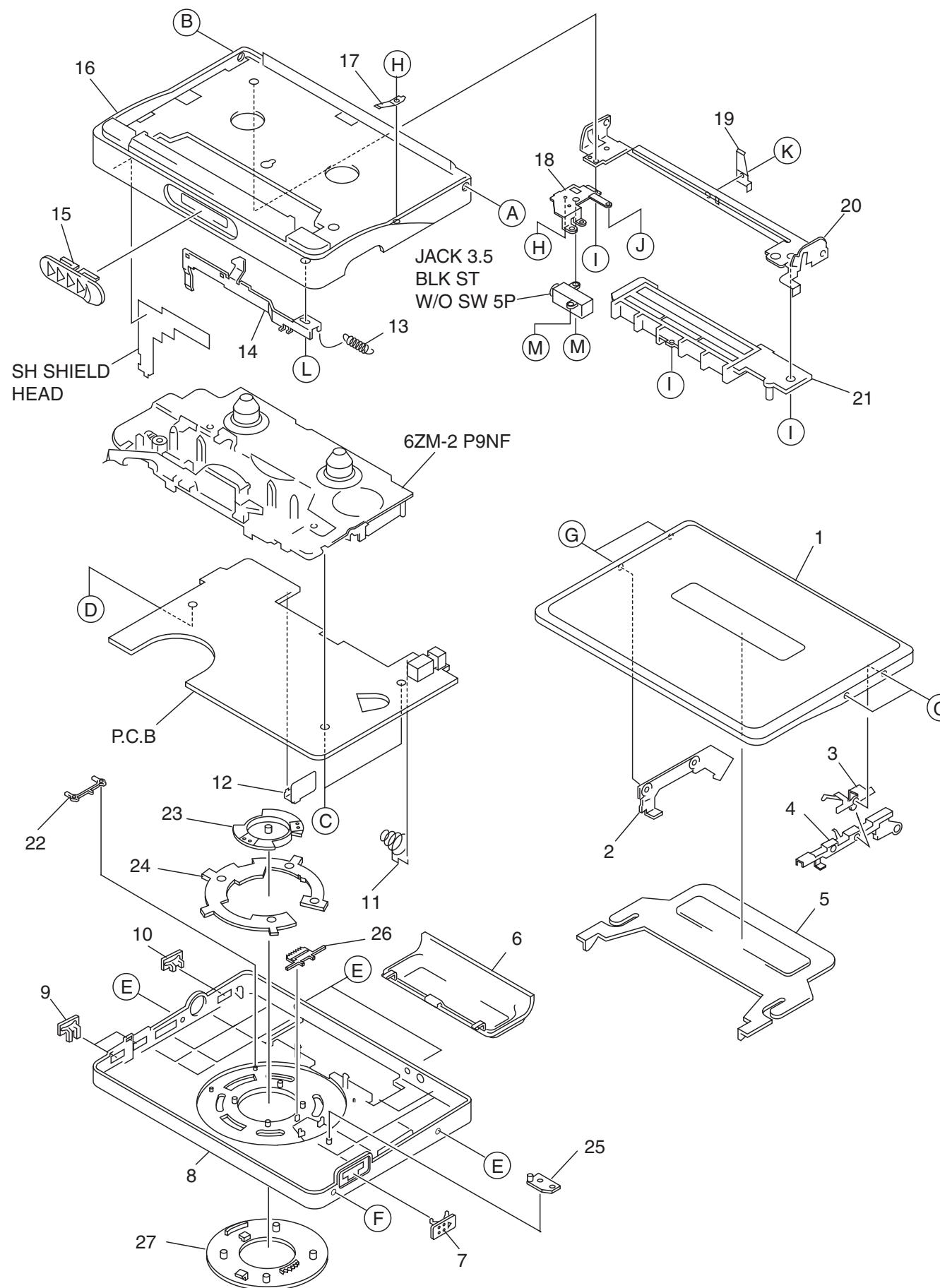
チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法/Dimensions (mm)			抵抗コード Resistor Code : A
外形/Form	L	W	t				

<tbl_r cells="4" ix="2" maxcspan="1" maxrspan







REF.NO.	PARTNO.	KANRI NO.	DESCRIPTION	REF.NO.	PARTNO.	KANRI NO.	DESCRIPTION
1	8Z-HKC-026-010	LID,ASSY CASS S EGS		21	8Z-HK6-208-010	HLDR,BATT	
2	8Z-HK6-203-010	HLDR,CASS L		22	8Z-HK6-211-010	SPR,CLICK MSP	
3	8Z-HK6-207-110	SPR-P,CLIK		23	8Z-HK6-007-010	KEY,CONT	
4	8Z-HK6-202-010	HLDR,CASS R		24	8Z-HK6-209-010	PLATE,IND	
5	8Z-HKC-012-010	WINDOW,CASS S		25	8Z-HK6-009-010	LENS,LED	
6	8Z-HKC-009-010	LID,BATT 397 S		26	8Z-HK6-210-010	GEAR,MSP	
7	8Z-HK6-011-010	KNOB,SL HOLD		27	8Z-HK6-006-010	KEY,MSP	
8	8Z-HKC-003-010	CABI,REAR 397 S		A	87-067-738-010	HINGE SCREW 1.4-1 BLK N	
9	8Z-HK6-012-010	KNOB,SL A		B	8Z-HK6-223-010	S-SCREW,+1.4-0.7-1 CR NL	
10	8Z-HK6-013-010	KNOB,SL B		C	87-078-113-010	S-SCRW,+1.4-3.5 HL(B	
11	8Z-HK6-213-010	SPR-C,BATT M		D	87-067-746-010	SCREW,M 1.4-2 (H0.5)	
12	8Z-HK6-212-010	PLATE,BATT P		E	8Z-HK6-224-010	S-SCREW,SERR+1.4-3 CR	
13	8Z-HK6-225-110	SPR-E,EJECT L		F	87-067-535-010	SCREW VT+1.4-3.5	
14	8Z-HK6-204-010	PLATE,EJECT		G	87-HK5-237-010	S-SCREW,1.4-2 CR NL	
15	8Z-HK6-010-010	KNOB,SL OPEN		H	87-067-732-010	TAPPING SCREW, VT1.4-3	
16	8Z-HKC-004-010	FRAME,CENTER S		I	87-067-384-010	SCREWVT1.4-3.5HL	
17	87-HK6-203-010	SPR-P,POP UP		J	88-HK5-228-010	S-SCREW,+1.4-2 CR	
18	8Z-HK6-205-010	HLDR,JACK		K	87-263-500-310	SCREW V+1.4-1.4	
19	8Z-HK6-206-010	SPR-P,CASS		L	87-HK5-235-010	S-SCREW,1.4-0.6-2.5	
20	8Z-HK6-201-010	PLATE,HINGE		M	87-067-430-010	VT1.4-5 BLK	

COLOR NAME TABLE

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange		

ACCESSORIES / PACKAGE LIST

REF.NO.	PARTNO.	KANRI NO.	DESCRIPTION
1	8Z-HKC-915-010	IB,Y(EGFSI)	S407
1	8Z-HKC-916-010	IB,EZ(EDPHNZ)	S407
2	87-B30-253-010	HEADPHONE,HP-M041	
3	8Z-HK6-952-010	RC UNIT,RC507	

アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)
AIWA CO., LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111

9630469 0251431

Printed in Singapore